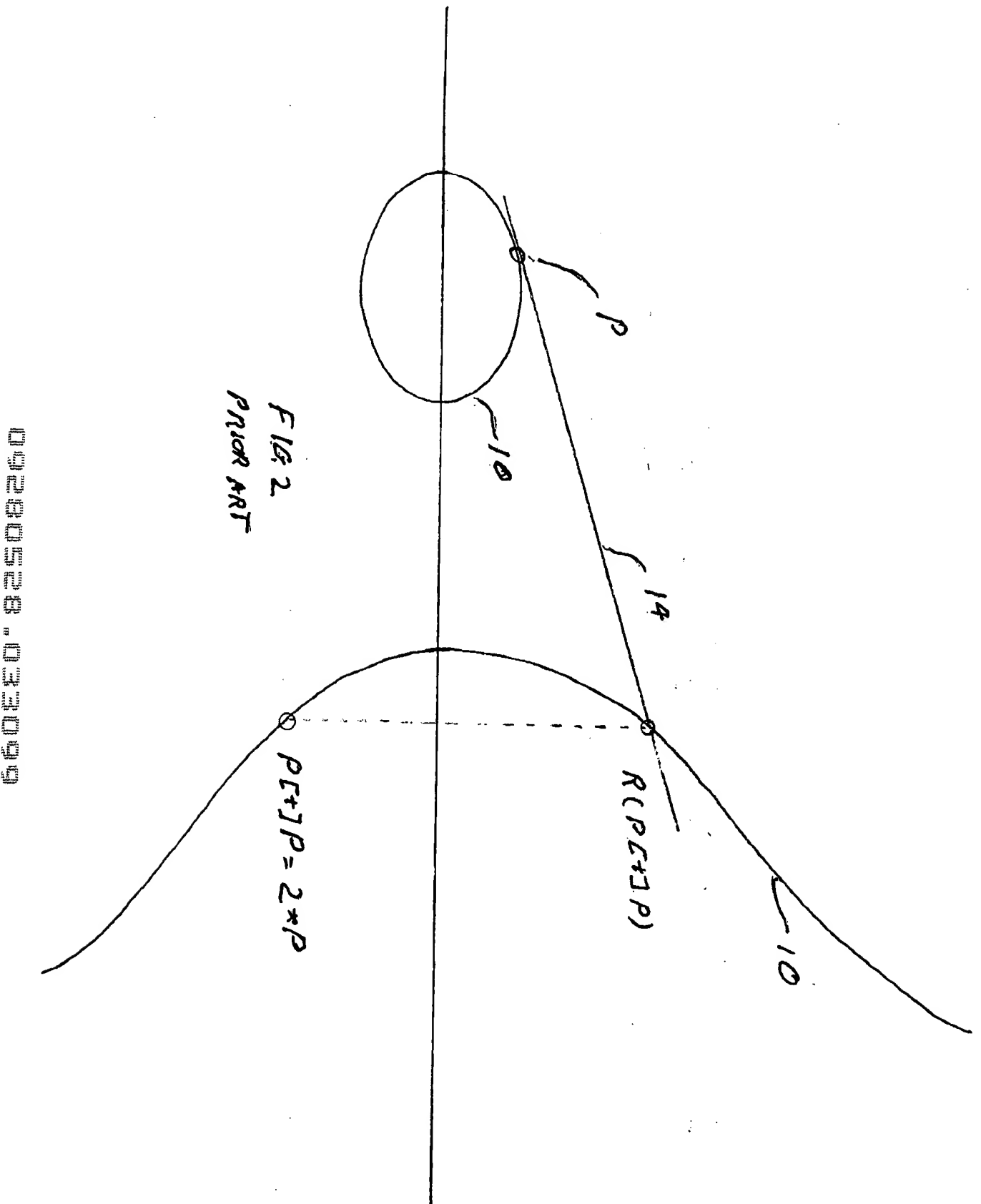


FIG. 1
PRIOR ART

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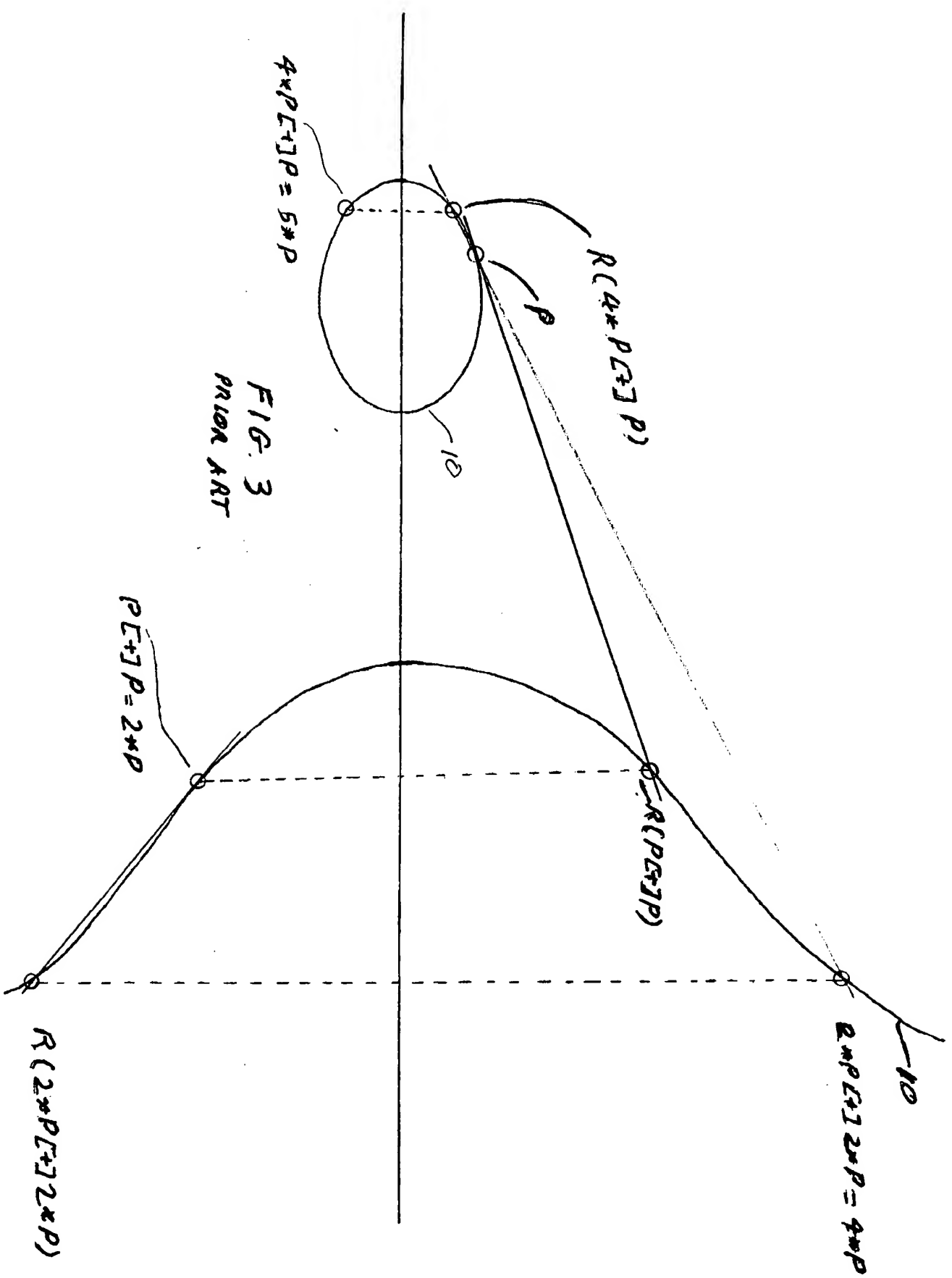
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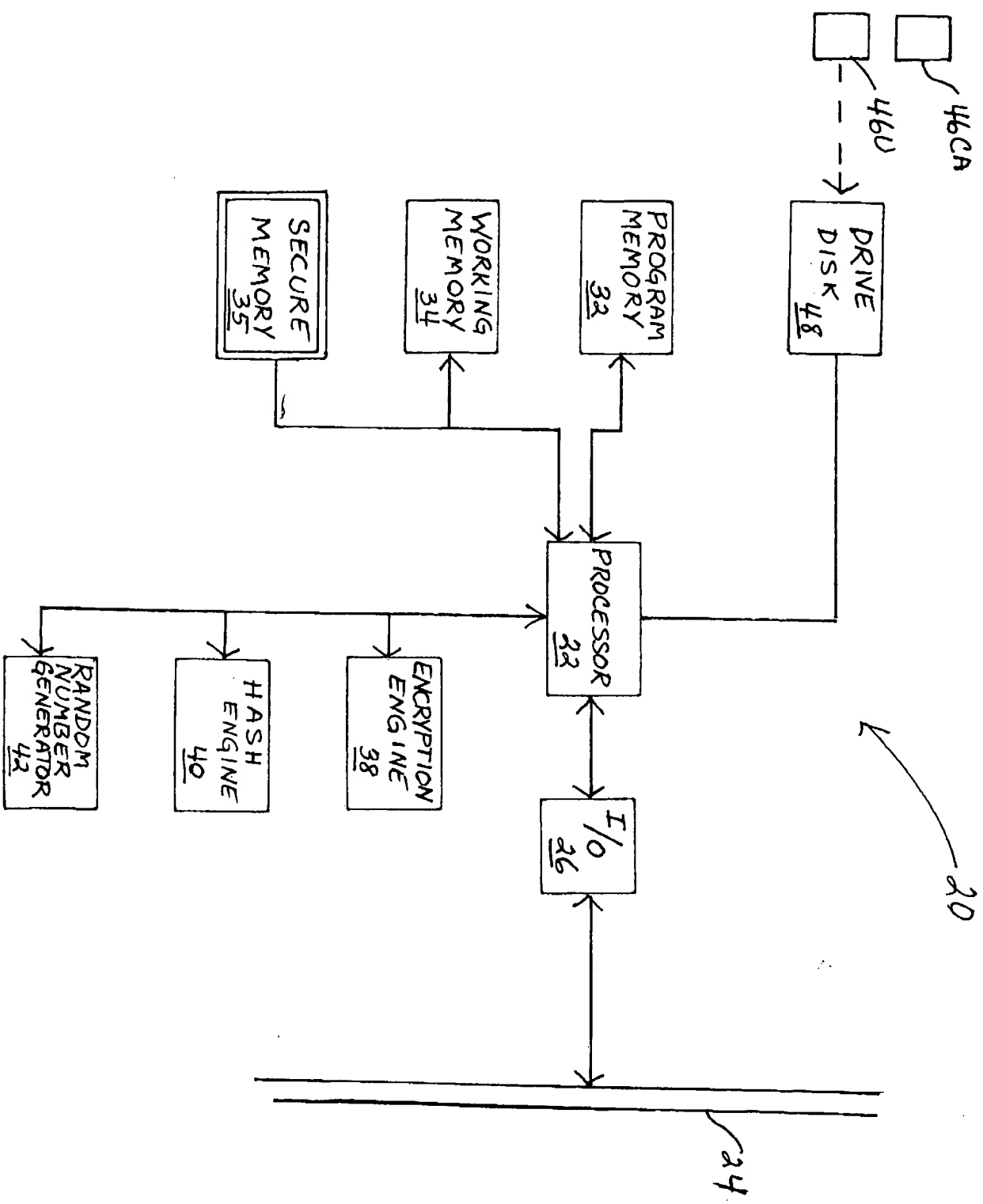
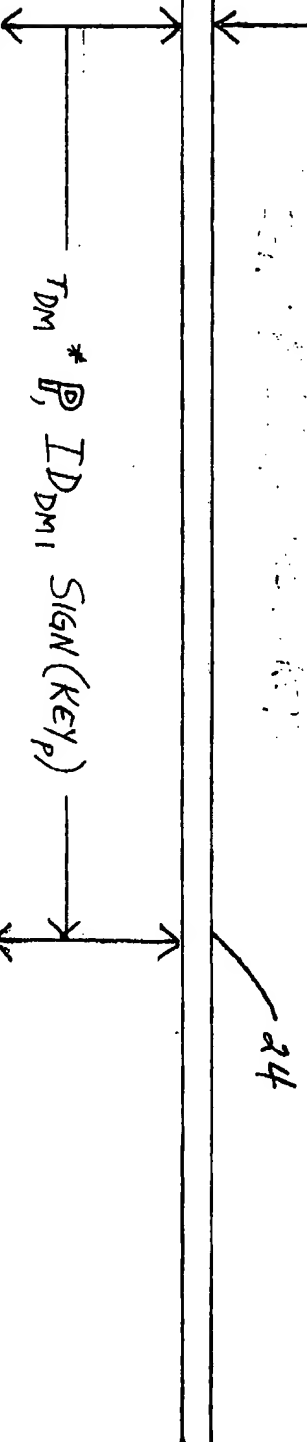
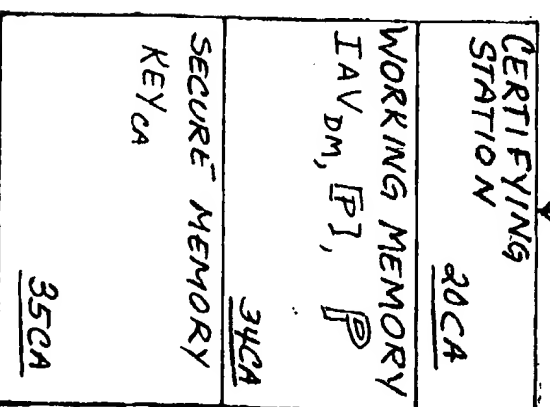
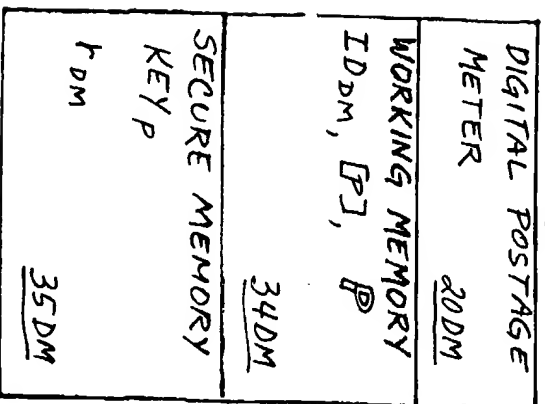
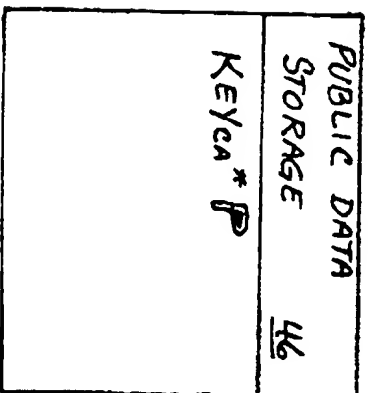


FIG. 4

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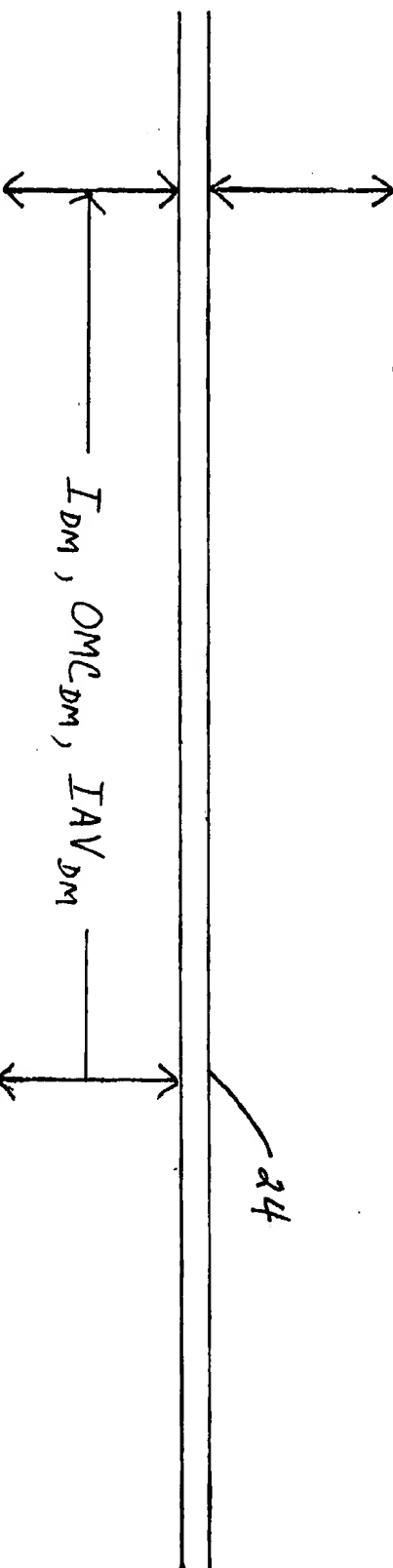
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FIG. 5

PUBLIC DATA STORAGE	<u>46</u>
KEY _{CA} * P	



$I_{DM}, OMC_{DM}, IAV_{DM}$

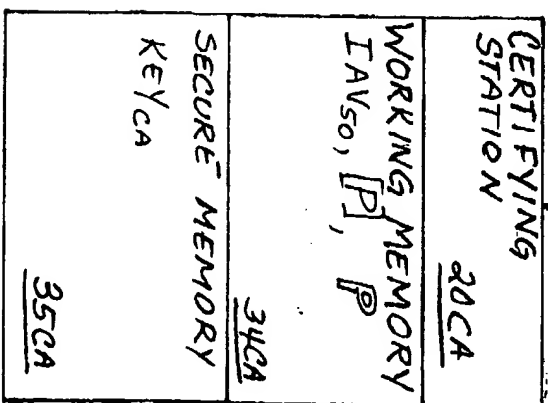
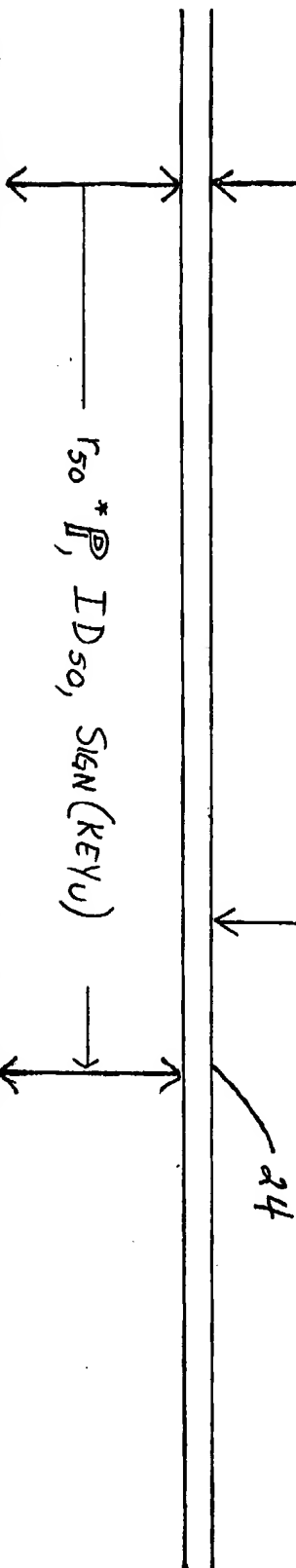
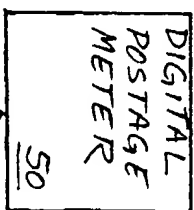
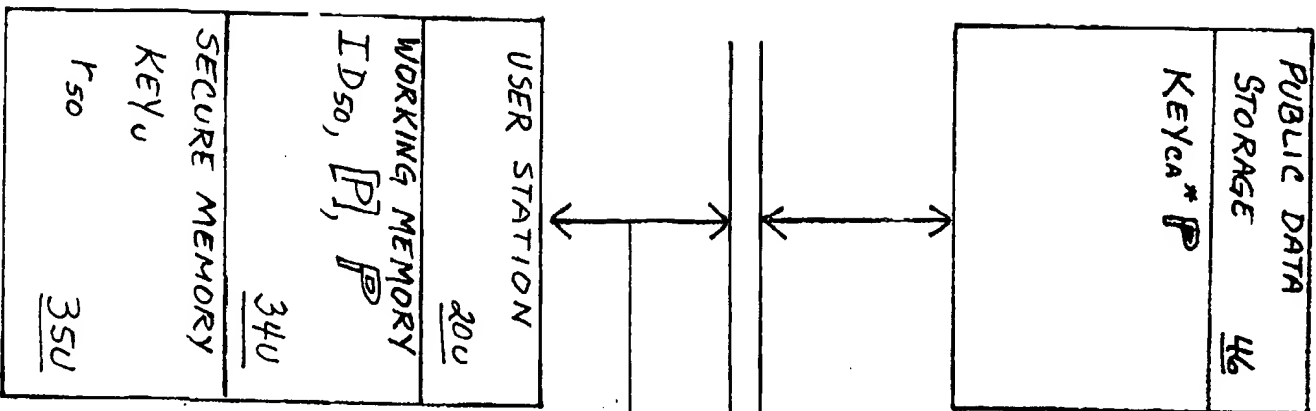
DIGITAL POSTAGE METER	<u>20DM</u>
WORKING MEMORY	
$I_{DM}, [P], P, OMC_{DM}$	
$IAV_{DM}, KEY_{CA} * P$	<u>34DM</u>
SECURE MEMORY	
$KEY_P \rightarrow KEY_{DM} = I_{DM} + r_{DM}$	<u>35DM</u>

CERTIFYING STATION	<u>20CA</u>
WORKING MEMORY	
$OMC_{DM} = (r_{DM} + e_A) * P$	
$M = OMC_{DM} - IAV_{DM}$	
$I_{DM} = H(M) + r_{CA}$	<u>34CA</u>
SECURE MEMORY	
KEY _{CA}	
r_{CA}	<u>35CA</u>

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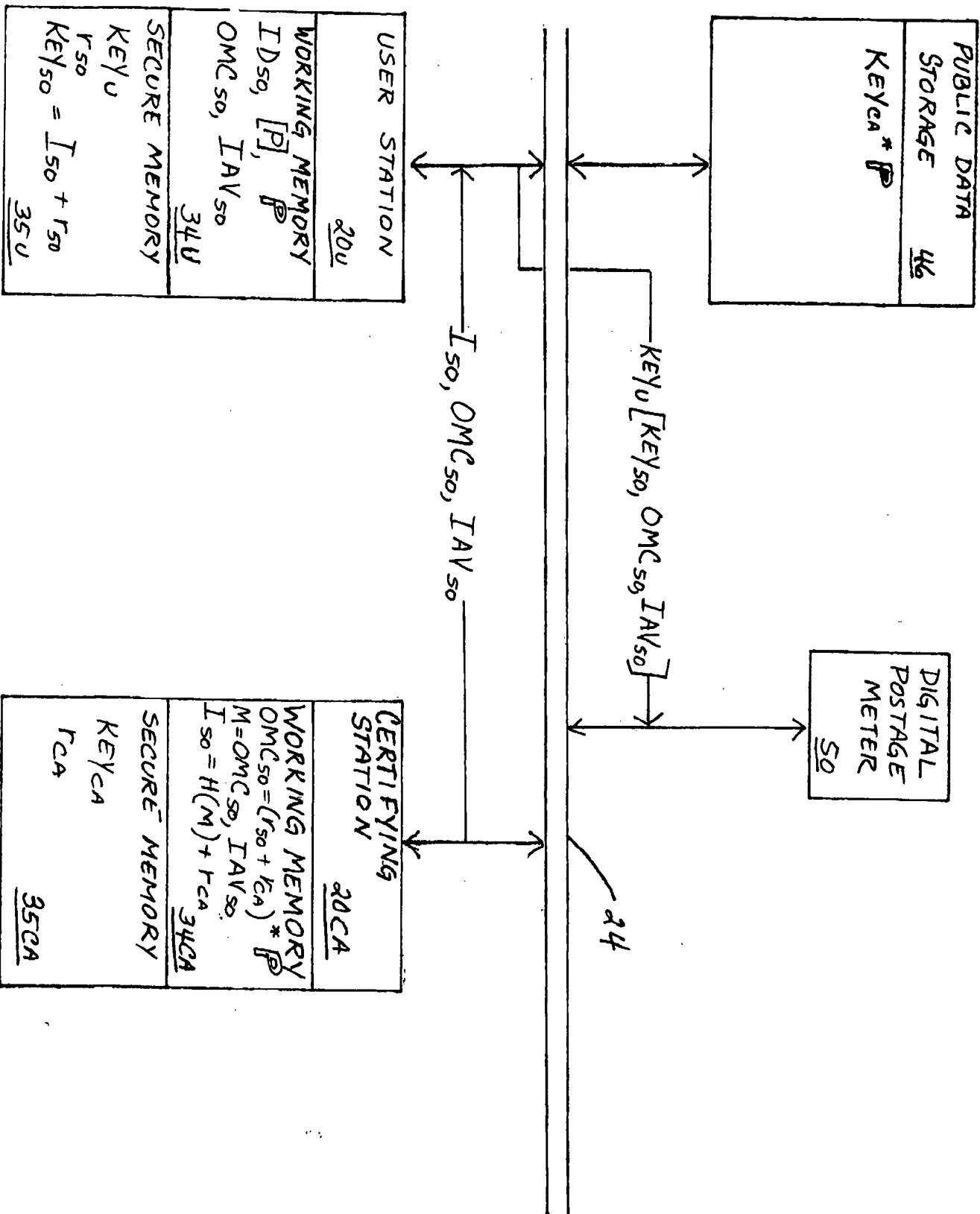


FIG. 3. 033099

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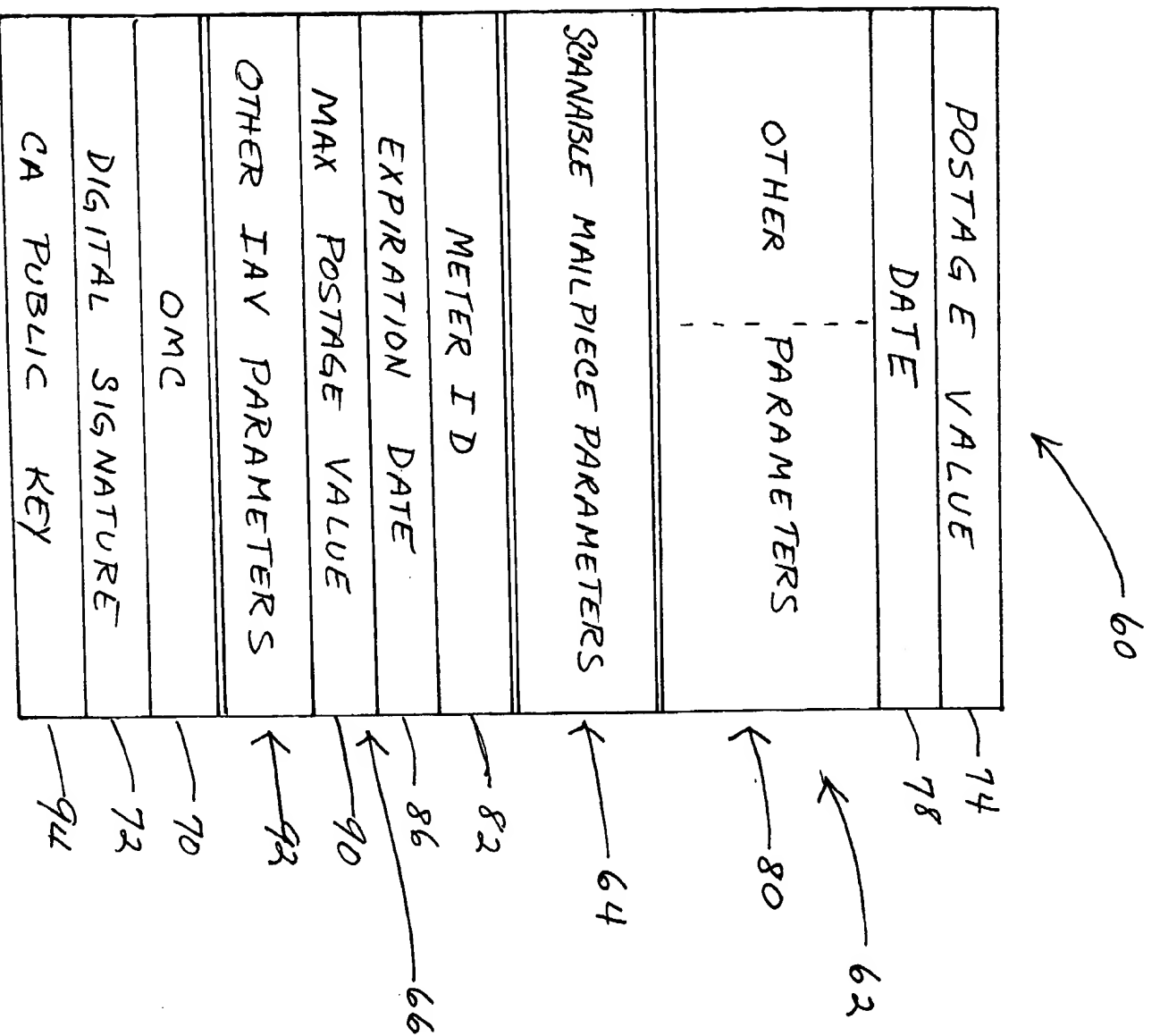


FIG. 9

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